

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

B. Reilly BARRY et al.

Application Serial No.: 09/159,695

Filing Date:

September 24, 1998 JUL 01 2002

Attorney Docket No.: 09710-1121
Client Docket No.: COS-97-087RESPONSE UNDER 37 CFR § 1.116
EXPEDITED PROCEDURE

Examiner: Jaroenchonwanit, B.

Group Art Unit: 2152

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JUL 11 2002

Technology Center 2100

For: INTEGRATED CUSTOMER INTERFACE SYSTEM FOR TELECOMMUNICATIONS
MANAGEMENTBox AF, DIRECTOR OF PATENTS AND TRADEMARKS
Washington, DC 20231AMENDMENT TRANSMITTAL LETTER

Transmitted herewith is an amendment in the above-identified application.

| FEES CALCULATION | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREV. PAID FOR | NO. OF EXTRA CLAIMS PRESENT | RATE | ADDITIONAL FEE |
|---|-------------------------------------|-------|----------------------------------|--------------------------------|------|-------------------|
| TOTAL CLAIMS | 109 | MINUS | 109 | 0 | \$18 | \$ 0.00 |
| INDEP. CLAIMS | 4 | MINUS | 4 | 0 | \$84 | \$ 0.00 |
| <input checked="" type="checkbox"/> Petition is hereby made under 37 CFR § 1.136(a) to extend the time for response to the Office Action of <u>March 22, 2002</u> to and through <u>May 10, 2002</u> , for an extension of: | | | | | | \$ 0.00 |
| <input type="checkbox"/> One month (\$110) <input type="checkbox"/> Two months (\$400) <input type="checkbox"/> Three months (\$920) <input type="checkbox"/> Four months (\$1440) | | | | | | |
| TOTAL ADDITIONAL FEE DUE: | | | | | | \$ 0.00 |

- Applicant claims small entity status. See 37 CFR § 1.27.
- No additional fee is required.
- Payment of \$ ___ by Credit Card. Form PTO-2038 is attached.
- The Director is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account ____, including any filing fees under 37 CFR § 1.16 for presentation of extra claims and any patent application processing fees under 37 CFR § 1.17

Respectfully submitted,

DITTHAVONG & CARLSON, P.C.

Stephen C. Carlson
Reg. No. 39929

I hereby certify that this correspondence and all correspondence identified as accompanying this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on May 10, 2002.

Karlyn J. Geiger, Date: 5/10/02
Karlyn J. Geiger

Date: May 10, 2002



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Sent: 5/10/02 by U.S. Postal Service

D&C Ref.: 09710-1121

U.S. Serial No.: 09/159,695

WorldCom Ref.: COS-97-087

In re: B. Reilly BARRY et al.

For: INTEGRATED CUSTOMER INTERFACE SYSTEM FOR TELECOMMUNICATIONS MANAGEMENT

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Transmittal Letter

Patent Application Prov.
 Utility Design PCT
 Cont. Div. CIP
____ pp. of cover & specification
____ pp. of claims
____ pp. of abstract
____ pp. of drawings
 List of Inventor Names
 Request for Nonpublication
 Preliminary Amendment

Combined MAY 21 2002
 Declaration
 Power of Attorney

Assignment: ____ pages/PTO-1595

Response to Missing Parts Notice

Claim for Convention Priority
 Certified Priority Document

Formal Drawings: ____ sheets
 Transmittal of Issue Fee
 Form PTO 85B Form PTO 85C

Maintenance Fee after grant
 4 years 8 years 12 years

Correspondence Address Change

Other:

Information Disclosure Statement
 PTO-1449
 Cited References: ____
 Search Report
 Statement of Relevancy

Restriction Response
 Election Response
 Response to Office Action
of Mar. 22, 2002
 After final
 Rule 1.131 Declaration
 Rule 1.132 Declaration
 Amendment under Rule 1.312
 Continued Prosecution Application
 Request for Continued Examination

Notice of Appeal
 Appeal Brief
 Reply Brief

Petition for Extension of Time
 1 mon. 2 mon. 3 mon.
 4 mon. 5 mon.

Petition for: ____

Fee: \$ ____
 Deposit Account:
 Check
 Money Order
 Credit Card/PTO-2038

**DITTHAVONG & CARLSON, P.C.
10507 BRADDOCK ROAD, SUITE A, FAIRFAX, VA 22032**



09/159,695

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Patent

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In re Application of: B. Reilly BARRY et al.
Application No.: 09/159,695
Filed: September 24, 1998
Attorney Docket No.: 09710-1121
Client Docket No.: COS-97-087

**Reply under 37 CFR 1.116
EXPEDITED PROCEDURE**

Examiner: Jaroenchanwanit, B.
Group Art Unit: 2152

2418
J. Carter
7-1-02

**For: INTEGRATED CUSTOMER INTERFACE SYSTEM FOR
TELECOMMUNICATIONS MANAGEMENT**

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Technology Center 2100

BOX AF
Assistant Commissioner for Patents
Washington, D.C. 20231

RESPONSE UNDER 37 CFR 1.116

Dear Sir:

This is in response to the final Office Action of March 22, 2002, in which claims 1-43, 45-97, and 99-113 are pending.

The final Office Action mailed March 22, 2002 rejected claims 1-3, 58-60, and 112-113 under 35 U.S.C. § 102 as anticipated by *Cianfrocca et al.* (US 6,088,796), claims 50-55 and 104-109 as obvious under 35 U.S.C. § 103 over *Cianfrocca et al.*, claims 4 and 61 over *Cianfrocca et al.* in view of *Carroll* (US 6,105,131), claims 5 and 62 over *Cianfrocca et al.* in view of *Riggins* (US 6,131,116), claims 6-7 and 63-64 as obvious over *Cianfrocca et al.* and *Riggins* in view of *Radia et al.* (US 5,848,233), claims 8-9 over *Cianfrocca et al.*, *Riggins*, and *Radia et al.* in view of *Chung et al.* (US 6,012,090), claims 10-19 and 66-75 over *Cianfrocca et al.*, *Riggins*, and *Radia et al.* in view of Official Notice; claims 21-24 as obvious over *Cianfrocca et al.*, *Riggins*, and *Radia et al.*.

and *Radia et al.* in view of *Elliott et al.* (US 5,610,915). Claims 25-43, 45-49, 76-97, and 99-103, and 110-111 have been objected to as allowable but dependent on a rejected base claim.

As a preliminary matter, claim 20 was not addressed in the final Office Action, although the Office Action Summary indicates that claim 20 was rejected. The basis for the rejection is unknown because claim 20 was previously indicated to be allowable. Therefore, this rejection is respectfully traversed the rejection pursuant to 35 U.S.C. § 132. See *Chester v. Miller*, 15 USPQ2d 1333 (Fed. Cir. 1990) (Rejection “is so uninformative that it prevents the applicant from recognizing and seeking to counter the grounds for rejection.”)

The rejection of claims 1-24, 58-75, and 112-113 is respectfully traversed because the references fail to teach or suggest the limitations of the claims. For example, independent claim 1 recites:

one or more client applications integrated within a web-based GUI and **downloaded** from the one or more secure web servers according to pre-determined customer entitlements

Independent claim 58 recites:

initiating a **download** of a web-based GUI from said secure web server, said downloaded web-based GUI of launching one or more of a plurality of client applications available to a customer according to pre-determined customer entitlements

Independent claim 112 recites:

a client application integrated for use within the browser and **downloadable** from the web server in accordance with a predetermined customer entitlement, said client application programmed to be in interactive communications with the network management resource.

Independent claim 113 recites:

initiating a **download** of a client application integrated for use within the browser in accordance with a predetermined customer entitlement, said client application programmed to be in interactive communications with the network management resource

This feature is not shown in the applied references. For example, *Cianfrocca et al.* is directed to a secure access query system that includes a messenger system 103 which receives queries from a user over the Internet 101 and relays the queries to a firewall 104, which acts as the intermediary to the application servers 105 inside the firewall 104. Only the applications on the application servers 105 are allowed to access the database management system 106. (col. 6:5-22) *Cianfrocca et al.* is primarily concerned with the implementation and functionality of the messenger system 103 and does not get into any detail on the client applications more relevant than they are “custom-written” (col. 17:14). In particular, *Cianfrocca et al.* fails to disclose whether the client applications are downloaded from a secure web server, much less whether that downloading is done “according to pre-determined customer entitlements.”

The portions of *Cianfrocca et al.* cited in the Office Action for this feature do not support the rejection. Specifically, col. 14:20-24 is directed to the use of browsers as clients for distributed applications (col. 14:20-23) and discloses that distributed applications includes individual application programs that are “linked together by means of a single messenger system” (col. 14:24-27). This portion, however, includes no discussion of the details or even the existence of downloading client applications. In fact, col. 12:47-13:50 disclose that the application program resides on the application server, which must be **inside** the firewall, thereby teaching against downloading an application to a user browser, who is **outside** the firewall.

The remaining portions of *Cianfrocca et al.* also fail to disclose the downloading feature. FIG. 6 merely states that “Firewall does not allow any incoming traffic to the Database Server and Application Servers,” with no discussion of downloading. Column 19:1-34 promotes another reason (and hence another teaching against) for keeping all the application servers 105 and their application programs inside the firewall 104. Column 20:8-32 discusses the use of a

gateway but does not touch upon downloading applications. Finally, col. 6:28-35 locates the application on the application server 105 inside the firewall for security reasons.

The Examiner's response to arguments on p. 16, para. 41, of the Office Action did not directly address the downloading feature but hinted that downloading an application from a secure server would read upon authenticating a user to access an application server through a firewall. This reading is insufficient to disclose the downloading feature. In *Cianfrocca et al.*, granting the user access to the application server 105 through the firewall 104, on the other hand, allows the user to send queries and other commands to the application server 105 (col. 6:38-49), without any disclosure of actually downloading an application from the application server 105.

The secondary references, *Carroll, Riggins, Radia et al.*, *Chung et al.*, and *Elliott et al.* which were applied only for various details unrelated to downloading, also do not teach or suggest this feature.

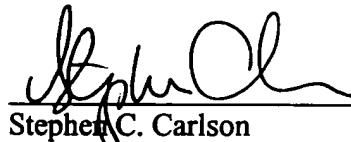
Claims 10-9, 50-55, 66-75, and 104-109 have been rejected by taking Official Notice of certain features. Pursuant to the MPEP § 2144.03, Applicants respectfully resubmit the traversal of the Official Notice and request the Examiner to produce references showing the claim features or withdraw the rejection as factually inadequate. For example, the Examiner is requested to produce a reference showing the specific use of cookies as recited in claims 50-53 and 104-109, and the specific use of polling, inboxes, and metadata recited in claims 16-19.

Therefore, the present application, as amended, overcomes the objections and rejections of record and is in condition for allowance. Favorable consideration is respectfully requested. If any unresolved issues remain, it is respectfully requested that the Examiner telephone the undersigned attorney at (703) 425-8508 so that such issues may be resolved as expeditiously as possible.

Respectfully Submitted,

DITTHAVONG & CARLSON, P.C.

5/10/2002
Date



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